

NWS Form E-5 U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION NATIONAL WEATHER SERVICE MONTHLY REPORT OF RIVER AND FLOOD CONDITIONS	HYDROLOGIC SERVICE AREA: Pocatello, Idaho
	REPORT FOR: MONTH: November YEAR: 2007
TO: Hydrologic Operations Division, W/OH2 National Weather Service National Oceanic and Atmospheric Administration Silver Spring, Maryland 20910	SIGNATURE Sherrie Hebert Service Hydrologist
	DATE: December 13, 2007
When no flooding occurs, include miscellaneous river conditions, such as significant rises, record low stages, ice conditions, snow cover, droughts and hydrologic products issued (NWS Instruction 10-924).	

X An X in this box indicates that no flooding has occurred for the month within this hydrologic service area.

In contrast to record October precipitation, much of the Pocatello Hydrologic Service Area (HSA) was exceptionally dry and warm in November, with average temperatures for the area 0.88°F warmer than normal.¹

Other Hydrologic Interests

Precipitation

Precipitation was only well below normal for much of the Pocatello HSA in November. The entire HSA received an average of 59% of normal precipitation for 40 of 43 reporting stations with climate data, according to Western Region Climate Center data. The only station to rise above the 100% mark was Tetonia at 139% of normal and Swan Valley was close to normal at 92%. Over one third of the stations received less than a third of normal precipitation, with Stanley and Dubois each only receiving a trace. A one-day precip record was set at Stanley on the 16th when 0.39 inches fell, breaking the old record of 0.38 inches set in 2006.

Reservoirs

The Upper Snake River reservoir system is at 30% of capacity¹, up 10% from November 9, 2007².

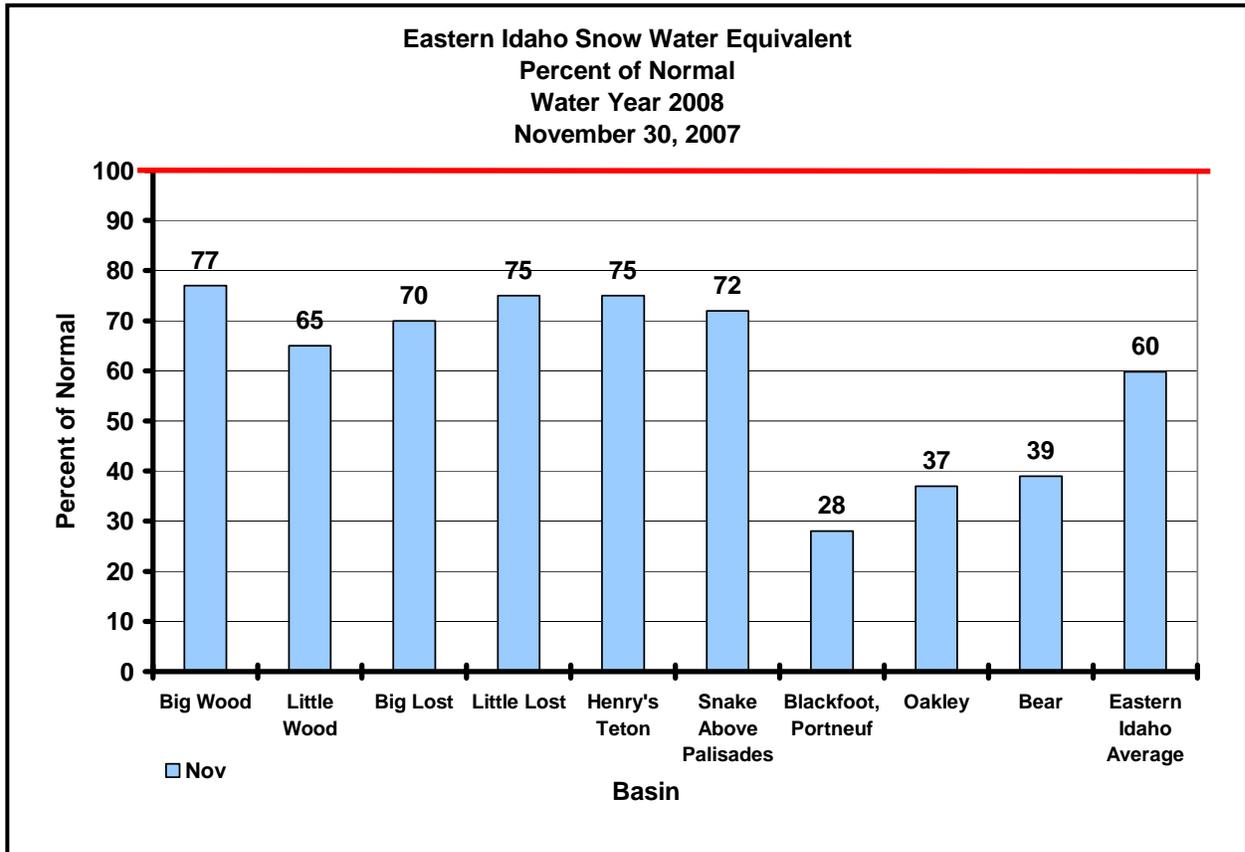
Reservoir	% Capacity October 31	% Capacity November 30³
American Falls	n/a	29
Bear Lake	n/a	24
Blackfoot	n/a	22
Henry's Lake	n/a	81
Island Park	n/a	41
Little Wood	n/a	23
Mackay	n/a	26
Magic	n/a	7
Oakley	n/a	29
Palisades	n/a	24
Ririe	n/a	44
Lake Walcott	39 ²	101 ¹
Milner	77 ²	91 ¹

Source: (1) US Bureau of Reclamation (BOR), December 14, 2007; (2) BOR, November 9, 2007; (3) NRCS, November 30, 2007.

¹ ASOS station data (°F): Burley +0.03; Challis -1.1; Idaho Falls +2.4; Pocatello +1.4; Stanley +1.6.

Snowpack

Eastern Idaho's snowpack is building slowly as the November basin-average snow water equivalent was only 60% for the month.



Drought

Although precipitation totals were below normal for November, a delayed improvement from October's precip revealed itself in the Drought Monitor in November. Eastern Idaho now ranks entirely in the D2, "Severe," category.

November 2007 Hydrologic Product Summary

No hydrologic products were issued in September for the Pocatello HSA.

cc: Daniel Matusiewicz, Western Region WFO Hydrology Program Manager
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Drought Monitor Mailing List
Pocatello WFO Forecasters and HMTs